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IN THE UNITED STATES OF AMERICA
PATENT AND TRADEMARK OFFICE

APPLICANT: Robert C. Schucker

SERIAL NO.: 10/799,076

FILING DATE: March 12, 2004

TITLE: Thin Film Composite Electrolyte

Our File: 18056/101306-00

CERTIFICATE OF MAILING

Date of Deposit: May 21, 2004

I hereby certify that the following attached paper or fee:

- Information Disclosure Statement (2 pgs.);
- Form 1449 (3 pgs.);
- Copies of Cited Publications - 2 documents;
- Certificate of Mailing; and
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Tina G. Matz



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**COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450**

INFORMATION DISCLOSURE STATEMENT

The following sections are being submitted for this Information Disclosure Statement:

1. Preliminary Statements
2. FORM PTO -1449 (Modified)
6. Copies Of Listed Information Items Accompanying This Statement
9. Concise Explanation Of English Language Listed Information Items
(Optional)
10. Identification Of Person(s) Making This Information Disclosure
Statement

Section 1. Preliminary Statements

Applicants submit herewith patents, publications or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 CFR 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

Section 6. Copies of Listed Information Items Accompanying This Statement

Legible copies of **all** items listed accompany this information statement.

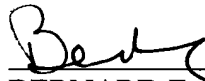
Section 9. Concise Explanation Of English Language Listed Information Items (Optional)

Section 10. Identification of Person(s) Making THIS INFORMATION DISCLOSURE STATEMENT

The person making this statement is the attorney who signs below on the basis of the information in the attorney's file.

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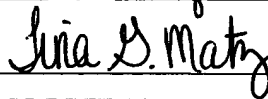
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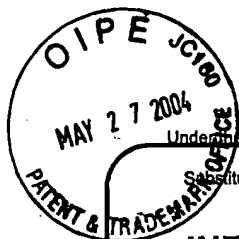
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/799,076
Filing Date	March 12, 2004
First Named Inventor	Robert C. Schucker
Art Unit	
Examiner Name	
Attorney Docket Number	18056/101306-00

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 20020172871	11/21/2002	Schucker	
		US- 3,896,018	07/22/1975	Powers, et al	
		US- 3,896,019	07/22/1975	Mitoff, et al	
		US- 3,900,381	08/19/1975	Powers	
		US- 3,901,733	08/26/1975	Toy, et al	
		US- 3,976,554	08/24/1976	Powers, et al	
		US- 3,985,575	10/12/1976	Ludwig	
		US- 4,038,464	07/26/1977	Baukal, et al	
		US- 4,041,215	08/09/1977	Kormanyos, et al	
		US- 4,226,923	10/07/1980	Mikkor	
		US- 4,244,986	01/13/1981	Paruso, et al	
		US- 4,422,917	12/27/1983	Hayfield	
		US- 4,526,844	07/02/1985	Yoldas, et al	
		US- 4,568,502	02/04/1986	Theodore, et al	
		US- 5,503,294	10/01/1991	Sernka, et al	
		US- 5,059,497	10/22/1991	Prince, et al	
		US- 5,112,703	05/12/1992	Koenig	
		US- 5,691,082	11/25/1997	Kajita, et al	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ⁴ Number ⁴ Kind Code ⁵ (if known)				
		EP 453,796	10/30/1991	Hughes Aircraft Co.		

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sheet

3

of

3

Complete if Known

Application Number

10/799,076

Filing Date

March 12, 2004

First Named Inventor

Robert C. Schucker

Art Unit

Examiner Name

Attorney Docket Number

18056/101306-00

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		J.L. Sudworth & A.R. Tilley, "The Sodium-Sulfur Battery", Chapman & Hall, New York, 1985	
		R.E. Mistler & E.R. Twine, "Tape Casting: Theory and Practice", American Ceramic Society, 2000, Tables 2.1-2.4	

Examiner
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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